



TECH DATA SHEET

Thermal Protection 07 21 19
Foamed In Place Insulation

1. PRODUCT NAME

Touch 'n Seal® All Seasons Gun Foam

2. MANUFACTURER

DAP Foam Inc.
307 Integram, Pacific, MO 63069

(636) 349-5855

(800) 325-6180

FAX (636) 349-5335

E-mail support@touch-n-seal.com

Website: www.touch-n-seal.com

3. PRODUCT DESCRIPTION

Touch 'n Seal All Seasons one-component, moisture curing polyurethane foam sealant is uniquely formulated to perform under difficult low temperature conditions where traditional polyurethane foam sealants fail to cure. All Seasons Gun Foam cures at temperatures as low as 20°F (-7°C) and as high as 120°F (49°C). All Seasons Gun Foam meets the insulating and air sealing requirements of professional commercial, industrial, agricultural and residential contractors who must work in extreme temperatures. Once cured, All Seasons Gun Foam is non-toxic, fire-retardant, non-shrinking and permanently fills and seals cracks and gaps.

Basic Use

Use Touch 'n Seal All Seasons Gun Foam when an application must be made during extreme low or high temperatures. All Seasons Gun Foam seals cracks and gaps up to 1-½ inch (38mm) wide, providing a permanent insulating and air sealing solution to most building component materials, including: wood, concrete, insulating foam boards, metal, plastics and sheetrock.

The Touch 'n Seal All Seasons Gun Foam reduces vapor transmission and prevents energy robbing air infiltration, helps to improve indoor air quality and provides superior insulation performance.

Composition & Materials

Touch 'n Seal All Seasons Gun Foam is permanent and dries within minutes of application.

Sizes

Gun Foam – Item # 4004529812
24 ounce (680 gm)

Benefits

- Use in temperatures as low as 20°F (-7°C) and as high as 120°F (49°C)
- Provides a permanent seal against air, moisture and insect infiltration
- Permanent installation; does not shrink or settle as do many caulk type sealants
- Compatible with all fiber insulation systems including cellulose, fiberglass and rockwool
- Bonds to common building materials, including: wood, concrete, insulating foam boards, metal, plastics and sheetrock
- Expands to fill gaps up to 1-½" (38mm) wide reducing air exchanges
- Reduces energy loss by as much as 40%
- Reduces use of fossil fuels and improves air quality
- No Ozone Depleting Chemicals
- Helps to reduce Greenhouse Gas Emissions
- Closed cell structure
- Allows for down sized HVAC systems; uses less energy, fewer cycle times, more consistent "comfort level", reduces equipment maintenance
- Outperforms fiberglass
- Fire retardant

Limitations

- Foam is combustible. Do not expose to temperatures above 250°F (121°C), open flames or sparks
- Not for exposure to ultraviolet light
- Chemicals must be 60°F (16°C) - 90°F (32°C) prior to dispensing
- Do not store in temperatures above 120°F (49°C)
- Always refer to local building code



regulations

- Do not leave product exposed – cover with approved facings
- Flammable propellant. Read MSDS and do not use near high heat, sparks or open flame

4. TECHNICAL DATA

Applicable Standards

- ASTM E84 Surface Burning Characteristics
- ASTM C518 R-Value
- ATM C 1536 Yield
- ASTM D1622 Density

Approvals/Certifications/Listings

- ICC ES ESR-1926
- International Building Code
- International Residential Code
- BOCA National Building Code
- 1999 Standard Building Code
- ICC-Evaluation Services

Physical/Chemical Properties

See Table. Test data available upon request.

Shelf Life

12 months in unopened container when stored between 60°-90°F (16°-32°C), in a dry, well ventilated area.

Storage & Disposal

Keep containers tightly closed in a cool, well ventilated area. Ideal storage temperature is 60°-90°F (16°-32°C). Storage above 90°F (32°C) will reduce shelf life. Do not store at temperatures above 120°F (49°C). Avoid Freezing. Do not expose containers to conditions that may damage, puncture, or burst the



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containers. Dispose of leftover material/containers in accordance with Federal, state and local regulations. See Material Safety Data Sheet for more information.

5. INSTALLATION/APPLICATION

Always refer to local building codes prior to application of Touch 'n Seal foam.

The Touch 'n Seal All Seasons Gun Foam can be applied to and will adhere to almost any traditional construction surfaces, including: wood, concrete, polystyrene, gypsum board, fiberboard, masonry and metal. Surfaces to receive Touch 'n Seal All Seasons Gun Foam must be dry, clean and free of dust, dirt, grease and other substances that may inhibit proper adhesion. Fill application area about 1/3 full, leaving room for foam to expand.

For best results apply Touch 'n Seal All Seasons Gun Foam when surface and ambient temperatures are between 60°-90°F (16°-32°C). Touch 'n Seal All Seasons Gun Foam may be applied to ambient and surface temperatures as low as 20°F (-7°C) and as high as 120°F (49°C). Chemical contents must be between 60°- 90°F (16°-32°C) before dispensing.

Use all chemical contents within 30 days of initial dispensing. Clean uncured foam from applicator tools with Touch 'n Seal Poly-Clean.

Keep out of reach of children.

Always wear proper personal protective equipment, including gloves, clothing and eyewear. Use in well ventilated area.

See material safety data sheet for additional warnings and information.

Please refer to manufacturers' instructions or request a faxed set of instructions from Convenience Products by calling Customer Service at 800-325-6180.

6. AVAILABILITY & COST

Availability

Touch 'n Seal polyurethane foams are available throughout the U.S., Canada, Mexico and the world. Contact Convenience Products Customer Service at 800-325-6180 or FAX 636-349-1708 for distributor information.

Cost

Contact Convenience Products for local distributors who can provide cost and delivery information.

7. WARRANTY

Convenience Products warrants All Seasons Gun Foam to be free of defects in workmanship and function.

Convenience Products is not liable for any incidental, consequential or any other damages or remedies. There are no Warranties that extend beyond the description herein, however, certain states have specific laws regarding limitation on incidental or consequential damages, in which case, and you may have other legal rights.

8. MAINTENANCE

None.

9. TECHNICAL SERVICES

Technical assistance, including more detailed information, product literature, test results, assistance with preparing project specifications and application training is available by contacting Convenience Products Customer Service.

10. FILING SYSTEMS

Additional information is available from the manufacturer upon request.

The information contained herein was accurate at the time of publishing. Please refer to the Touch 'N Seal website for the latest information.

TYPICAL PROPERTIES OF TOUCH 'N SEAL ALL SEASONS GUN FOAM

Shelf Life	1 year; unopened container	
Surface Dry Time/Surface Tack Free Time	10 minutes @ 72°F/50% R.H.	
Fully Cured	Approximately 1 hour	
Cuttable	30 minutes	
ASTM E84 Surface Burning Characteristics Flame Spread Smoke Development	UL-723 (three - 3/4" beads)	ULC-S102 (three - 18mm beads)
	10	20
	15	20
ASTM C-518-4 R-Value	4 - 5 /in. (25mm)	
ASTM C1536 Yield for Aerosol Foam Sealants	2,230 ft (680m) @ 1/4" (6mm)	
ASTM D1622 Core Density	1.6 – 2.1 PCF	
International Building Code	Conforms	
International Residential Code	Conforms	
BOCA National Building Code	Conforms	
1999 Standard Building Code	Conforms	
ICC-ES	Listed ESR 1926	
NFPA 30B Classification	Aerosol Level 2	
Underwriters Laboratories Classified Caulking & Sealants	UL	ULC
	BLIS.R14175,	BLEZC.R14175